

Work Order ID 147914

Friday, June 17, 2016 7:56:00 AM

147914

Page 1

Item ID: D3566-5 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Gasket Center Aft
Start Date: 6/17/2016 Start Qty: 12.00 ***12*** Cust Item ID:
Required Date: 6/20/2016 Req'd Qty: 12.00 ***12*** Customer:
Reference:

Approvals: Process Plan: MJS Date: JUN 17 2016 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3566	Rev C								

100 FLOW WATER JET 0.01
100
Waterjet Memo 0.10
FLOW CNC Waterjet 1-Cut as per Dwg D3566 Dwg Rev: C Prog Rev: C 2-
Deburr if necessary
(19) _____ DL 16/07/04

110 QC2- Inspect parts off machine FAI/FAIB 0.00
110
QC Memo 0.02
Quality Control
(19) _____ DL 16/07/04

120 QC8- Inspect parts - second check 0.00
120
QC Memo 0.04
Quality Control
(18) _____ DAS 38 9-89 JUL 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

Work Order ID 147914

Friday, June 17, 2016 7:56:00 AM

147914

Page 2

Item ID: D3566-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Gasket Center Aft

Start Date: 6/17/2016 Start Qty: 12.00

12

Cust Item ID:

Required Date: 6/20/2016 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

0.02

Packaging

LOCATION : FP001

19

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.20

Quality Control

JUL 12 2016

DAS
6
9-89

16/7/13

DAS
21
9-89

JUL 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Picklist Print

Friday, June 17, 2016 7:56:00 AM

Page 1

Work Order ID: 147914

147914

Parent Item: D3566-5

D3566-5

Parent Item Name: Gasket Center Aft

Start Date: 6/17/2016

Required Date: 6/20/2016

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A New Issue 07-03-08 ec
 IPP Rev:B Added Drain Holes 07-07-09 JLM
 IPP Rev:C As per Rev C 07-09-09 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MNEO60S.063		Purchased		No		100	sf	270.5000	1.06	14.13333			

MNEO60S 063

NEOPRENE SHEET 0.063

DC 16/07/04

Location

Loc Qty

Loc Code

MAT052

270.5

M133744

70.5

M134972

200

6
15.6

= 21.6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
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Root Cause				FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
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Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

DART AEROSPACE LTD		Work Order:	147914
Description: Gasket		Part Number:	D3566-5
Inspection Dwg: D3566 Rev: C		Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

☒ **First Article**

 ☐ **Prototype**

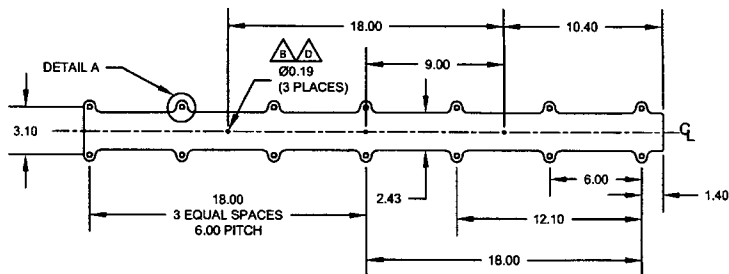
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
38.50	+/-0.030	38.50	/		Tape	
43.50	+/-0.030	43.50	/		V-D-02	
5.50 Pitch	+/-0.030	5.50	/			
2.50	+/-0.030	2.50	/			
2.43	+/-0.030	2.43	/			
3.10	+/-0.030	3.10	/			
2.50	+/-0.030	2.50	/			
0.30	+/-0.030	.30	/			
0.30	+/-0.030	.30	/			
0.063	+/-0.010	.056	/			
6.75	+/-0.030	6.75	/			
10.00	+/-0.030	10.00	/			
20.00	+/-0.030	20.00	/			
30.00	+/-0.030	30.00	/			
Ø0.19	+/-0.030	Ø.19	/			

DAS
38

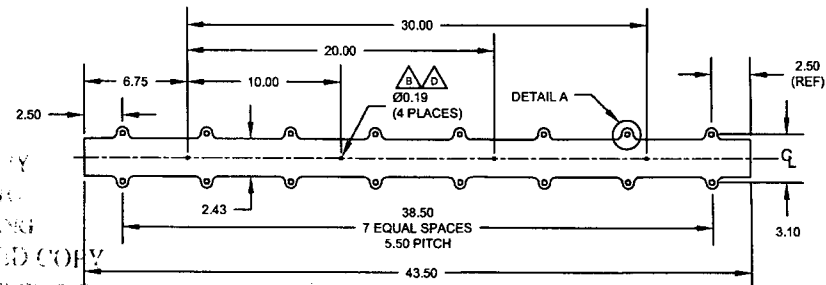
Measured by:	pc	Audited by:	9-89	Prototype Approval:	N/A
Date:	16/07/04	Date:	JUL 11 2016	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.03.14	New Issue	KJ/JLM	
B	07.07.18	Dimensions updated per Dwg Rev. B	KJ/JLM	
C	07.09.06	Ø0.188 dimension removed	KJ/JLM	
D	08.01.16	Dwg Rev updated	KJ/EC/DD	

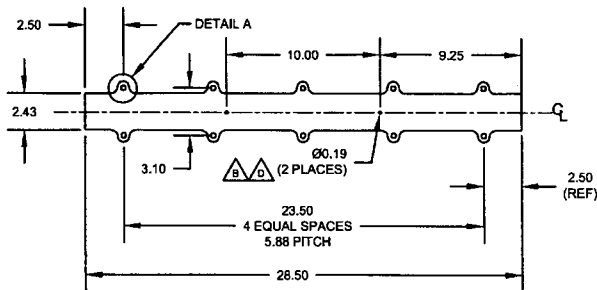
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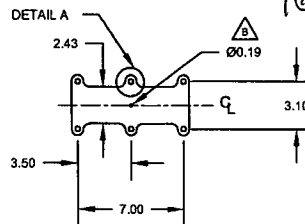
D3566-1 GASKET



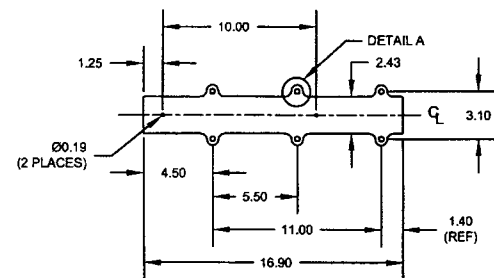
D3566-5 GASKET



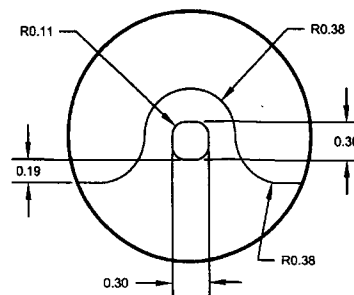
D3566-7 GASKET



D3566-13 GASKET



D3566-15 GASKET



**DETAIL A
SCALE 1:1**

WEIGHTS:

D3566-1	0.29 lbs
D3566-5	0.36 lbs
D3566-7	0.24 lbs
D3566-13	0.07 lbs
D3566-15	0.15 lbs

NOTES:

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC M-NEO60-S.063)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: SEE TABLE IN ZONE A3
- 8) PARTS ARE SYMMETRIC ABOUT CL

RELEASED

07.08.21

C	UPDATE DRAWING TEMPLATE; CHANGE ALL (TYP X PLS) TO (X PLACES); A8: UPDATE NOTES; A8, B2: ADD D3566-15; A5: INCREASE SIZE OF DETAIL A;	CB	07.08.21
B	ADD DRAIN HOLES	PH	07.04.17
A	NEW ISSUE	PH	06.12.18
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CB		
CHECKED	PH		
MFG. APPR.	PH		
APPROVED	PH		
DE APPR.	PH	DRAWING NO. D3566 TITLE GASKET SCALE 1:8	
DATE	07.08.21	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1